



form generation hierarchy runtime independent



- 2003

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P Sukaviriya, JD Foley, T Griffith - Proceedings of the INTERACT'93 and CHI'93 ... , 1993 - portal.acm.org

... automatic generation of textual help [22]. ... kinds of gates and connect them to **form**a functional ... The extended class **hierarchy** for application objects is often ...[Cited by 117](#) - [Related articles](#) - [Library Search](#) - [All 7 versions](#)[Towards second and third generation web-based multimedia-](#) [cwi.nl](#) [PDF]

J Van Ossenbruggen, J Geurts, F Cornelissen ... - Proceedings of the 10th international conference on ... , 2001 - portal.acm.org

... processing steps in a single **runtime** execution environment. ... which converts thecommunicative device **hierarchy** to a ... 4.5 Final-form generation In the last step ...[Cited by 121](#) - [Related articles](#) - [All 22 versions](#)[\[PDF\]](#) [Automatic generation of ontology editors](#)

H Eriksson, R Fergerson, Y Shahar, MA ... - Proceedings of the 12th Banff Knowledge Acquisition ... , 1999 - bmir.stanford.edu

... on a tree, in this case a class **hierarchy** in Maitre ... This sample **form** shows the **layout**for my-meta ... and knowledge-acquisition tools enables the **generation** of well ...[Cited by 74](#) - [Related articles](#) - [View as HTML](#) - [All 8 versions](#)[\[PDF\]](#) [Software Life Cycle Automation for Interactive Applications: The AME Design Environment](#)

C Martín - Computer-Aided Design of User Interfaces, 1996 - isys.ucl.ac.be

... level components and in the **form** of selection ... These **hierarchies** can be exploitedfor abstract ... and by the system or the designer after OOD **structure generation**. ...[Cited by 21](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)[WebEAV Automatic Metadata-driven Generation of Web Interfaces to Entity-Attribute-Value ...](#) - [jamia.org](#) [PDF]

PM Nackarni, CM Brandt, L Marenco - Journal of the American Medical Informatics ... , 2000 - Am Med Inform Assoc

... the details of items below it in the **hierarchy**. ... to use some of the **runtime** routinesin ... More important, the **form-generation** process inserts ActiveX controls ...[Cited by 41](#) - [Related articles](#) - [All 7 versions](#)[Building multi-device, content-centric applications using WebML and the W3I3 Tool Suite-](#) [cs.su.edu](#) [PDF]

A Bonifati, S Ceri, P Fraternali, A Maurino - LECTURE NOTES IN COMPUTER SCIENCE, 2000 - Springer

... An inheritance **hierarchy** represents classification of special software items. ... ofproducts that leverage some **form** of model ... Its Web **Generator** delivers PL/SQL code ...[Cited by 37](#) - [Related articles](#) - [SI Direct](#) - [All 11 versions](#)

[An ontology-driven approach to Web site \*\*generation\*\* and maintenance- psu.edu \(PDF\)](#)

Y Lei, E Motta, J Domingue - Lecture Notes in Computer Science, 2002 - Springer

... IIPS provides knowledge acquisition **forms** to allow ... Approach to Web Site **Generation** and Maintenance ... classes from the domain **hierarchy structure**, and selecting ...

Cited by 17 - Related articles - Cite Direct - All 11 versions

[\[PDF\] •Uiml: a device-\*\*independent\*\* user interface markup language](#)

C Phanourous - 2000 - xml.coverpages.org

... a UIML document into a **form** that can ... the user, and the behavior describes **runtime** interaction. ... the area of **automatic** user interface **generation**, web applications ...

Cited by 62 - Related articles - View as HTML - Library Search - All 5 versions

[... -Based User Interface Architecture: Enhancing a \*\*Runtime\*\* Environment with Declarative ... - gatech.edu \(PDF\)](#)

PN Sukavirya, MR Frank, A Spaans, TW ... - 1993 - smartech.gatech.edu

... **hierarchy** and a part-whole **hierarchy** are presented in the ... and how they connect to form an executable ... intelligent support such as **automatic** **generation** of context ...

Cited by 5 - Related articles - Library Search - All 2 versions

[•Evaluation of \*\*platform independent\*\* user interface builders](#)

R Chimera - 1993 - hci.cs.umd.edu

... can be used together to provide a **form** of fisheye ... OpenEdit itself to view the application **hierarchy** being created ... a minimum of C code **generation** and regeneration ...

Cited by 3 - Related articles - Cached - All 5 versions

[Adapting to mobile contexts with user-interface modeling- chalmers.se \(PDF\)](#)

J Eisenstein, J Vanderdonckt, A Puerta - Mobile Computing Systems and Applications, 2000 ... , 2000 - ieeexplore.ieee.org

... It may also occur at **run-time**, creating a dynamic user ... an AI0 is not executable on any plat- **form**; it is ... that is very similar to an object **hierarchy**: each ,410s ...

Cited by 50 - Related articles - All 18 versions

[\[PDF\] •Rapid Development of Electronic Product Catalogues](#)

N Koch, B Gaede, J Schneberger - 1998 - Citeseer

... **QUESTION FORM** ... the skeleton of the catalogue; it comprises a **hierarchy** or graph ... Analysis

ASSistant, the Specification ASSistant, the **Generation** ASSistant, the ...

Cited by 1 - Related articles - View as HTML - All 2 versions

[ARS: an adaptive \*\*runtime\*\* system for locality optimization- itarsi.it \(PDF\)](#)

J Tao, M Schulz, W Karl - Future Generation Computer Systems, 2003 - Elsevier

... It therefore **forms** a general tool for system design ... end is a memory reference **generator** capturing events ... simulation of the complete memory **hierarchy**, the main ...

Cited by 1 - Related articles - All 14 versions

[\[PDF\] •Architecture-\*\*Independent\*\* Design for \*\*Run-Time\*\* Reconfigurable Custom Computing ...](#)

RD Hudson - 2000 - scholar.lib.vt.edu

... 53 5.2 The **RunTime** Class ... In its simplest **form**, the correlation computation corresponds to ... ATR application does not perform dynamic **generation** of configurations ...

Cited by 4 - Related articles - View as HTML - Library Search - All 7 versions

[\[PDF\]](#) [Model based User Interface Software Tools: Current State of Declarative Models](#)

E Schlungbaum, Georgia Institute of ... - 1996 - cc.gatech.edu

... a class **hierarchy** of objects ... is represented by an Activity Chaining Graph (ACG) and an application model in **form** ... **generation** procedure in the TRIDENT system ...

Cited by 36 - Related articles - View as HTML - Library Search - All 12 versions

[\[PDF\]](#) [Multi-device layout management for mobile computing devices](#)

K Luyten, B Creemers, K Coninx - 2003 - Citeseer

... is shown in figure 2. The **hierarchy** divides the ... are only suit- able for **form**-based GUIs ... Based Systems for Automated User Interface **Generation** : the TRIDENT ...

Cited by 7 - Related articles - View as HTML - All 9 versions

[\[PDF\]](#) [Generation of architectural documentation using XML](#)

C Riva, Y Yang - 9th Working Conference on Reverse Engineering ( ..., 2002 - cldc02.tripod.com

... of the system in another **form** or at ... The **generation** of the architectural documentation is carried out by ... view of the model and navigate the **hierarchy** by opening ...

Cited by 16 - Related articles - View as HTML - All 10 versions

[\[PDF\]](#) [Interactive component-based software development with Espresso](#)

T Falzon, FC Inc - Proceedings of the 12th international conference on ..., 1997 - falzoncomputing.com

... Layout information is provided in the **form** of a ... SCEDE does not directly support the **generation** of User ... Figure 11 - The **hierarchy** of a small Espresso repository ...

Cited by 4 - Related articles - View as HTML - All 9 versions

[\[PDF\]](#) [An adaptive hypermedia presentation modeling system for custom knowledge ...](#)

P Castells, JA Macias - Actas World Conference on the WWW and Internet ( ..., 2001 - ii.uam.es

... cited systems provide for different **forms** of explicit ... Our system supports the **automatic generation** of hypermedia ... 3] or DCG [13] task **hierarchies**, which take ...

Cited by 21 - Related articles - View as HTML - All 6 versions

[Migratable user interface descriptions in component-based development- <http://hasselt.be/proj>](#)

K Luyten, C Vandervelzen, K Coninx - Lecture notes in computer science, 2002 - Springer

... goes a step further by allowing **runtime generation** of UIs ... to a "renderer" component in the **form** of an ... no further support for mixing **hierarchies** is provided ...

Cited by 18 - Related articles - All Direct - All 18 versions

[Supporting the memory system evaluation with a monitor simulator- <http://psu.edu/proj>](#)

J Tao - Parallel, Distributed and Network-Based Processing, ..., 2003 - ieeexplore.ieee.org

... to a higher-level and more readable **form** at various ... and be inserted in anylevel of the memory **hierarchy**. ... the monitor simulator allows a **generation** of per-phase ...

All 9 versions

[\[PDF\]](#) [Automatic Generation of Spatial Configurations in User Interfaces.](#)

M Fischer - 1998 - Citeseer

... 1: A presentation of a directory **hierarchy** (Sun File ... The final part of the chapter **forms** the detailed ... 2.1 Design and **generation** of spatial configurations in ...

Cited by 1 - Related articles - View as HTML - Library Search - All 3 versions

[Multimedia authoring tools: State of the art and research challenges- \*psu.edu\* \(PDF\)](#)

DCA Butterman, L Hardman - Lecture Notes in Computer Science, 1995 - Springer  
... closely integrated with the **hierarchy** and channel ... environment), and support for automatic generation of document ... define a 'standard' intermediate **form**, such as ...

Cited by 18 - Related articles - SI Direct - All 11 versions

[\[CITATION\] JUSTITIA: A generic benchmark for the OODBMS selection](#)

H Schreiber - Proc. of the Fourth International Conference on Data ..., 1994

Cited by 9 - Related articles

[STRUCTURELAB: a heterogeneous bioinformatics system for RNA \*\*structure\*\* analysis](#)

BA Shapiro, W Kasperek - Journal of Molecular Graphics, 1996 - Elsevier  
... module are organized into a **hierarchy** of functions ... pauses after the last GA **generation** and the ... enclosed in the unwindprotect special Lisp **forms** that facilitate ...

Cited by 24 - Related articles - SI Direct - All 3 versions

[\[PDF\] • Pattern Recognition Enables \*\*Automatic\*\* Parallelization of Numerical Codes](#)

CW Keler - Proc. of the Fourth Int. Workshop on Compilers for ..., 1993 - Citeseer  
... In general, the cross edges of a block statement **form** a directed acyclic graph.  
3.5 Status of Implementation ... grid **hierarchy** recording ... PARAMAT Code Generation ...

Cited by 8 - Related articles - View as HTML - All 4 versions

[Tools and approaches for developing data-intensive Web applications: a survey- \*uab.ca\* \(PDF\)](#)

P Fraternali - ACM Computing Surveys (CSUR), 1999 - portal.acm.org  
... presentation abstractions in the **form** of page ... HTML **generation** from WYSIWYG page editing **Generation** of commands for **hierarchy** navigation Abstractions ...

Cited by 827 - Related articles - SI Direct - All 20 versions

[Fortran red-a retargetable environment for \*\*automatic\*\* data layout](#)

U Kremer - Lecture notes in computer science, 1999 - Springer  
... optimizing compiler relies on some **form** of performance ... Memory **Hierarchy** Model The memory model tries to ... 1.1) use different communication **generation** strategies. ...

Cited by 4 - Related articles - SI Direct - All 7 versions

[\[PDF\] • A component-based approach for adaptive, dynamic web documents](#)

Z Flala, M Hinz, K Meissner, F Wehner - Journal of Web Engineering, 2003 - Citeseer  
... **Structure** Information (Component **Hierarchy**) ... The process of document **generation** is based on a ... Generally, all possible presentation **forms** of the component ...

Cited by 47 - Related articles - View as HTML - SI Direct - All 12 versions

[A CAD suite for high-performance FPGA design- \*uab.edu\* \(PDF\)](#)

B Hutchings, P Bellows, J Hawkins, S Hemmert ... - ... Custom Computing Machines, 1999, FCCM'99, ..., 1999 - ieeexplore.ieee.org  
... Schematic View The schematic **generation** tool (lower right of ... design browser provides a wave- **form** viewer (upper ... The design **hierarchy** can also be navigated and ...

Cited by 115 - Related articles - Library Search - All 13 versions

### Developing dual user interfaces for integrating blind and sighted users: the HOMER UIIMS

A Savidis, C Stephanidis - Proceedings of the SIGCHI conference on Human ..., 1995 - portal.acm.org

... by facilitating different object **hierarchies** to be ... ButtonPressed) concerns the **generation** of artificial events (ie local ... see Figure 3) which **forms** an extension ...

Cited by 73 - Related articles - SI Direct - All 3 versions

### Electronic data capture and verification

I Carr, D Harding, M Sloan - US Patent App. 10/516,898, 2003 - Google Patents

... out on any computing **platform independent** of the ... and apparatus for the **automatic generation** and presentation ... The architect has to manually construct the **form** ...

All 6 versions

### A web-based data collection system for clinical studies using Java

H Sippel, C Ohmann - Informatics for Health and Social Care, 1998 - informaworld.com

... of inclusion/exclusion criteria, randomization, **forms** which can ... a patient-hospital stay-documents **hierarchy**, where the ... Figure 3. The **generation** of a document ...

Cited by 17 - Related articles - SI Direct - All 3 versions

### [PDF] • Design dependencies within the **automatic generation** of hypermedia presentations

OR Martinez - 2002 - homepages.cwi.nl

... is a tree that tries to convey this semantic **hierarchy**. ... parts created in an easily accessible **form**, and is ... enough to be modified as the **generation** progresses. ...

Cited by 12 - Related articles - View as HTML - Library Search - All 9 versions

### [PDF] • IMMP development environment for interactive services

P Hoepner, K Hofrichter, A Scheffler, S Tikka, J ... - ... Conference on Multimedia Applications, Services and ..., 1996 - Citeseer

... gateway functionality is built in the **form** of applications ... may reflect the MHEG class **hierarchy**, but it ... be forwarded to the MHEG object **generator** together with ...

Cited by 3 - Related articles - View as HTML - All 6 versions

### A universal communication model for an automotive system integration **platform**

T Demmeler, P Giusto - Proceedings of the conference on Design, automation ..., 2001 - portal.acm.org

... is represented in VCC as a **hierarchy** with the ... im- porting functional components in **form** of software ... Auto- mated **generation** of an initial communication matrix ...

Cited by 10 - Related articles - All 3 versions

### An open **platform** for reconfigurable control

L Willis, S Kannan, S Sander, M Guler, B ... - IEEE Control Systems Magazine, 2001 - ieeexplore.ieee.org

... for different pro- cesses and a **hierarchy** of priorities ... Most provide simulation and code-generation ca- abilities that ... of the system in the **form** of quality- of ...

Cited by 79 - Related articles - SI Direct - All 4 versions

### [doc] • ICE-a Web-Based Information System to Support Higher Education Policy Decisions

P Mussig-Trapp, H Dicken, H Kopp - INFORMATICA-LJUBLJANA-, 2003 - aijis.si

... system can also recognise key internal **hierarchies** and places ... This is why, initially, the **generation** of Gnumeric ... Preselection in the **form** of virtual data stocks ...

View as HTML - SI Direct

## Flexible reverse engineering of web pages with VAQUISTA- [\[PDF\]](#)

J Vanderdonckt, L Bouillon, N Souchon - ..., 2001. Proceedings. Eighth Working Conference on, 2001 - [ieeexplore.ieee.org](#)  
... possible with built-in capabilities offered by **generation**, conversion, or ... 6. **Hierarchy**  
of presentation concepts ... web **form** can be mapped onto a composite A10 in ...

[Cited by 41](#) - [Related articles](#) - [All 3 versions](#)

## Systems and methods providing lightweight **runtime** code **generation**

E Meijer, D Russi, PF Drayton - US Patent App. 10/461,105, 2003 - [Google Patents](#)  
... of Application Program Interfaces (APIs) that **form** a user ... addition to providing **runtime**  
code **generation** in a ... from a regular expression at **runtime** (eg, generate ...

[Related articles](#) - [All 4 versions](#)

## Automatic aggregation of network management information in spatial, temporal and ...

N Anerousis, A Biliiris, HV Jagadish - US Patent 6,393,472, 2002 - [Google Patents](#)  
... some limitations of the first **generation** by providing ... Thus, every network grouping  
**hierarchy forms** a tree with ... Once the group **hierarchy** has been defined, the ...

[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

## [PDF] • The Teallach tool: using models for flexible user interface design

PJ Barclay, T Griffiths, J McKirdy, NW Paton, ... - CADUI99: Computer-Aided Design of the User ..., 1999 - [cs.unb.ca](#)  
... **Code Generation** ... example, an **automatically** generated preview of the search **form** is  
shown ... objects in addition to the newly constructed task **hierarchy** (ie, domain ...

[Cited by 24](#) - [Related articles](#) - [View as HTML](#) - [All 8 versions](#)

## [BOOK] Automatic **generation** of computer animation: using AI for movie animation

R Lu, S Zhang - 2002 - [books.google.com](#)  
... 174 6. 1. 1 A **Hierarchy** of Drama Agents and Plot ... It was aimed at the description  
and **generation** of ar ... The goal-oriented technique is a special **form** of inverse ...

[Cited by 11](#) - [Related articles](#) - [Library Search](#) - [Bl. Direct](#) - [All 2 versions](#)

## Layout of platform specific graphical user interface widgets migrated between ...

HLC Wong, HH Chu, M Katagiri - US Patent App. 10/271,302, 2002 - [Google Patents](#)  
... model to provide dynamic **layout** of graphical ... the display screen, the **platform**  
**independent** graphical user ... splitable, the **platform** **independent** graphical user ...

[All 2 versions](#)

## [PDF] • Towards flexible and safe technology for **runtime** evolution of java language applications

M Dmitriev - OOPSLA Workshop on Engineering Complex Object- ..., 2001 - [Citeseer](#)  
... incompatible changes to the class **hierarchy**, eg deleting ... it, ie switch to its  
**interpreted form** ... mechanism of debugging events **generation** already available in ...

[Cited by 61](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

## A decade of reconfigurable computing: a visionary retrospective- [\[PDF\]](#)

R Hartenstein - Proceedings of the conference on Design, automation ..., 2001 - [portal.acm.org](#)  
... Host and RA share the same memory **hierarchy**. ... 46]), assembled into binary **form**, and,  
linked ... exploitation, communication scheduling, code **generation** (for host ...

[Cited by 205](#) - [Related articles](#) - [All 20 versions](#)

[Spilling the beans on Java 3D: A tool for the virtual anatomist](#)

GD Guttmann - *The Anatomical Record*, 1999 - [interscience.wiley.com](#)

... is obviously lower in the inheritance **hierarchy** than its ... or **form** into another shape or **form**, such as ... or faceted edges), a ge- ometry **generator** (that describes ...

[Cited by 2](#) - [Related articles](#) - [SI Direct](#) - [All 3 versions](#)

[Object-Database Approach for a Hypervideo Platform](#) - [soton.ac.uk](#) [PDF]

S Khoja, Q Memon - *Malaysian Journal of Computer Science*, 2003 - [eprints.ecs.soton.ac.uk](#)

... of video objects followed by **generation** of semantics ... tools to create descriptions that will **form** the basis ... the data object follows the **hierarchy** of conceptual ...

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[\[PDF\] Object-Database Approach for a Hypervideo Platform](#)

QA Memon, SA Khoja - *Malaysian Journal of Computer Science*, 2003 - [majlis.fsktm.um.edu.my](#)

... of video objects followed by **generation** of semantics ... tools to create descriptions that will **form** the basis ... the data object follows the **hierarchy** of conceptual ...

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[On tool integration in high-performance FPGA design flows](#) - [darmstadt.de](#) [PDF]

A Koch - *Lecture notes in computer science*, 1999 - Springer

... and servers, FLAME operates on a **hierarchy** of design ... slice, which will be iterated to **form** the zone. ... industrial research projects on the next **generation** of EDA ...

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